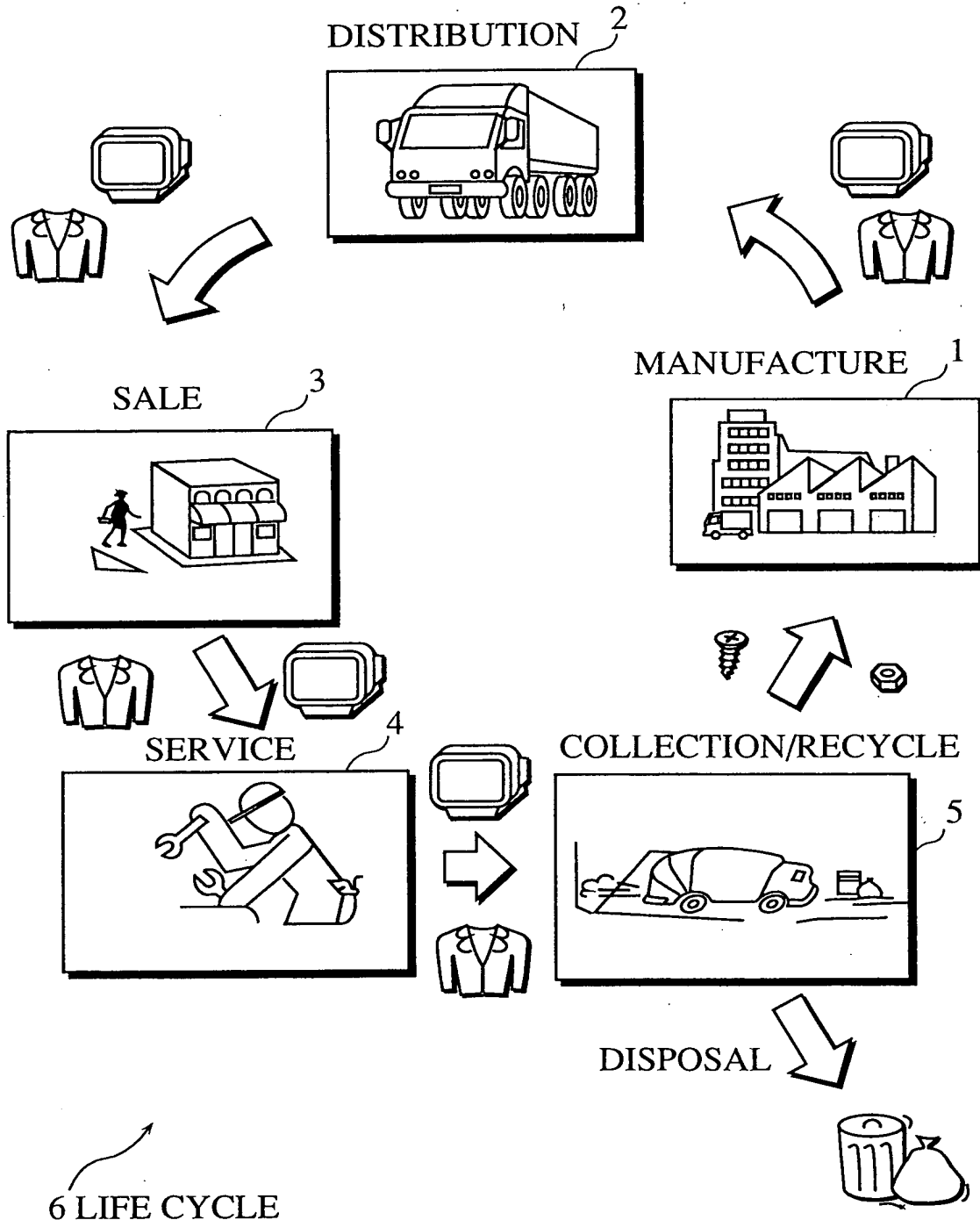


FIG. 1



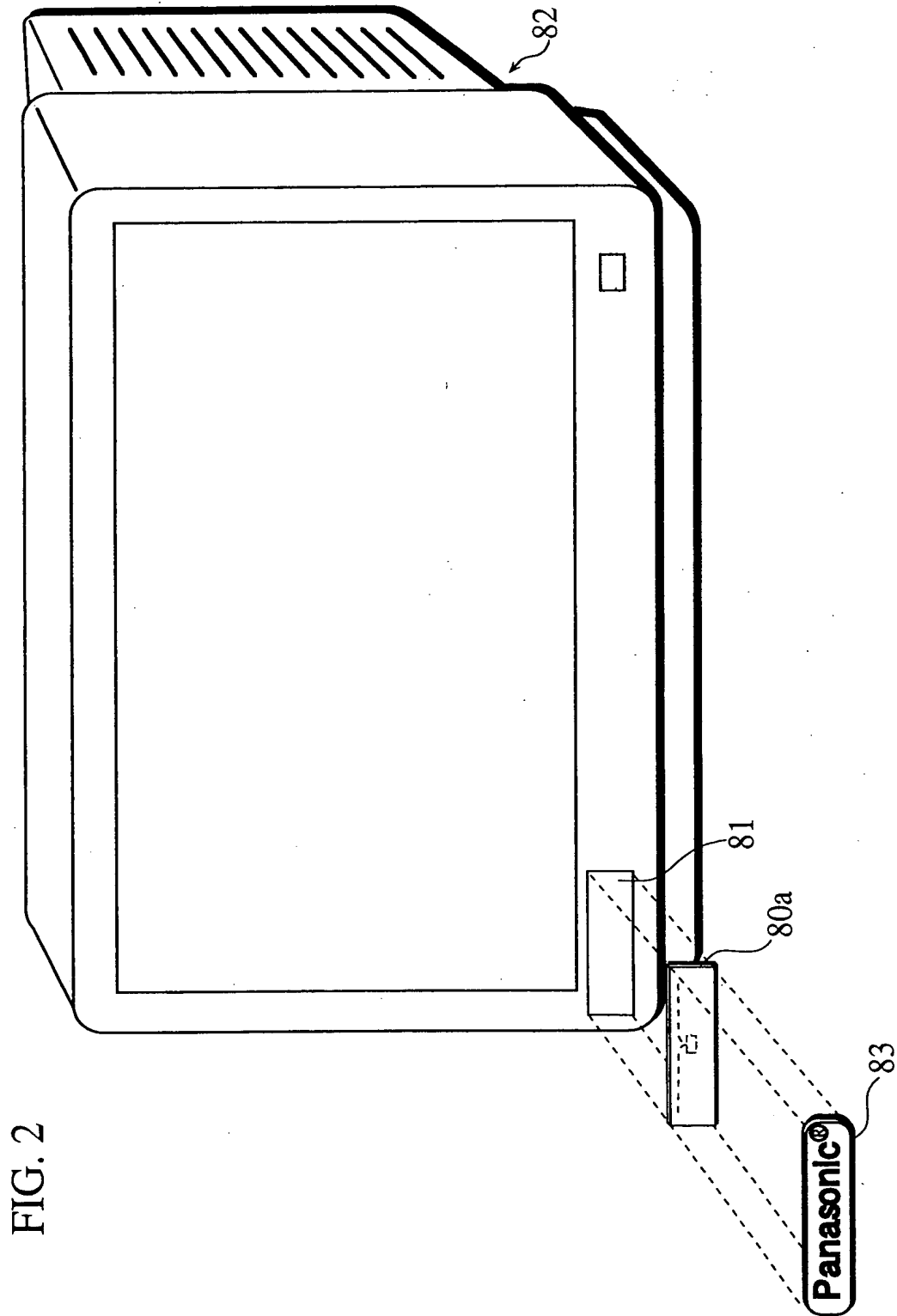


FIG. 2

FIG. 2 is a perspective view of a portable electronic device, likely a PDA or early smartphone, showing a screen, a small display area, and a Panasonic logo.

FIG. 3

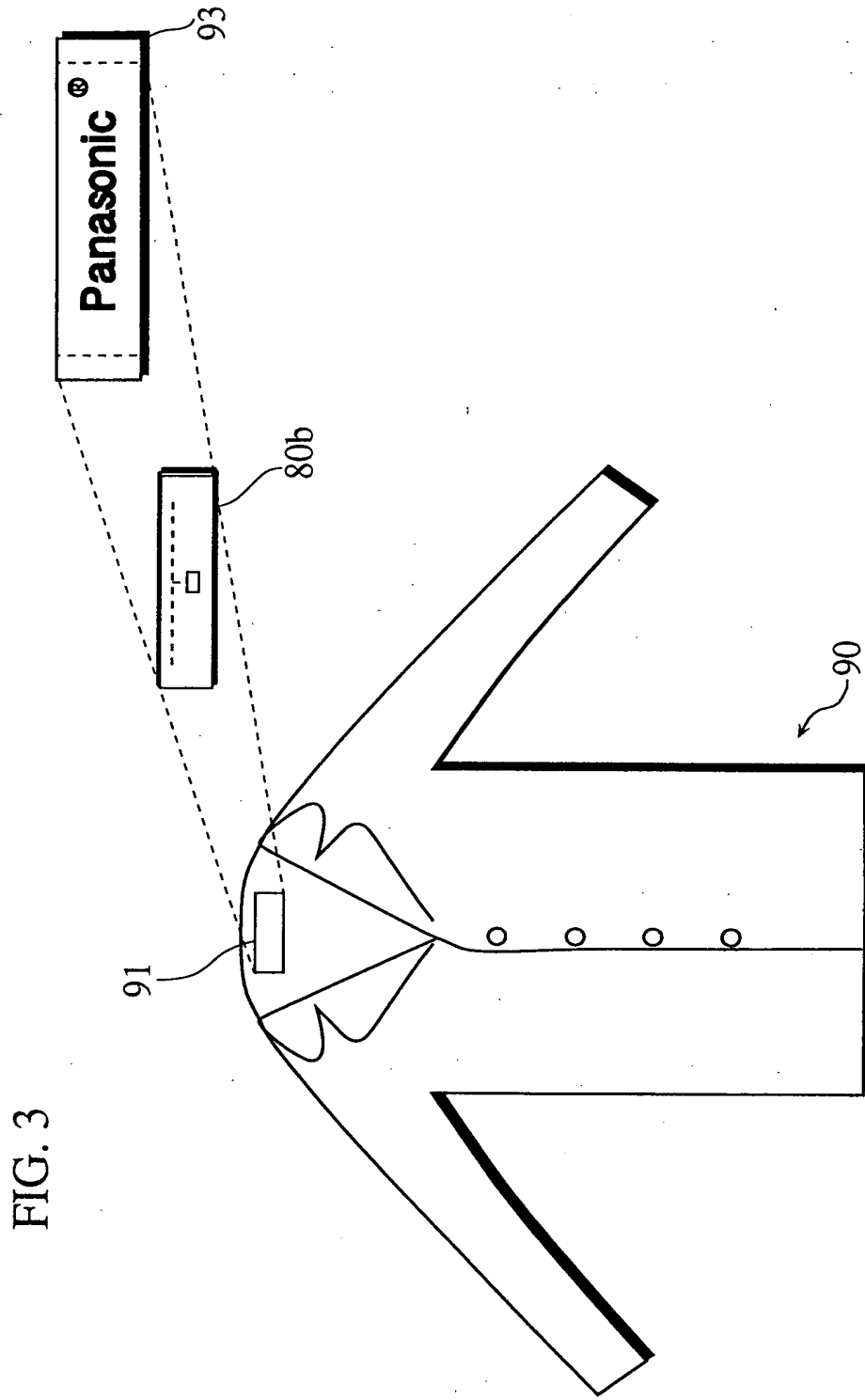
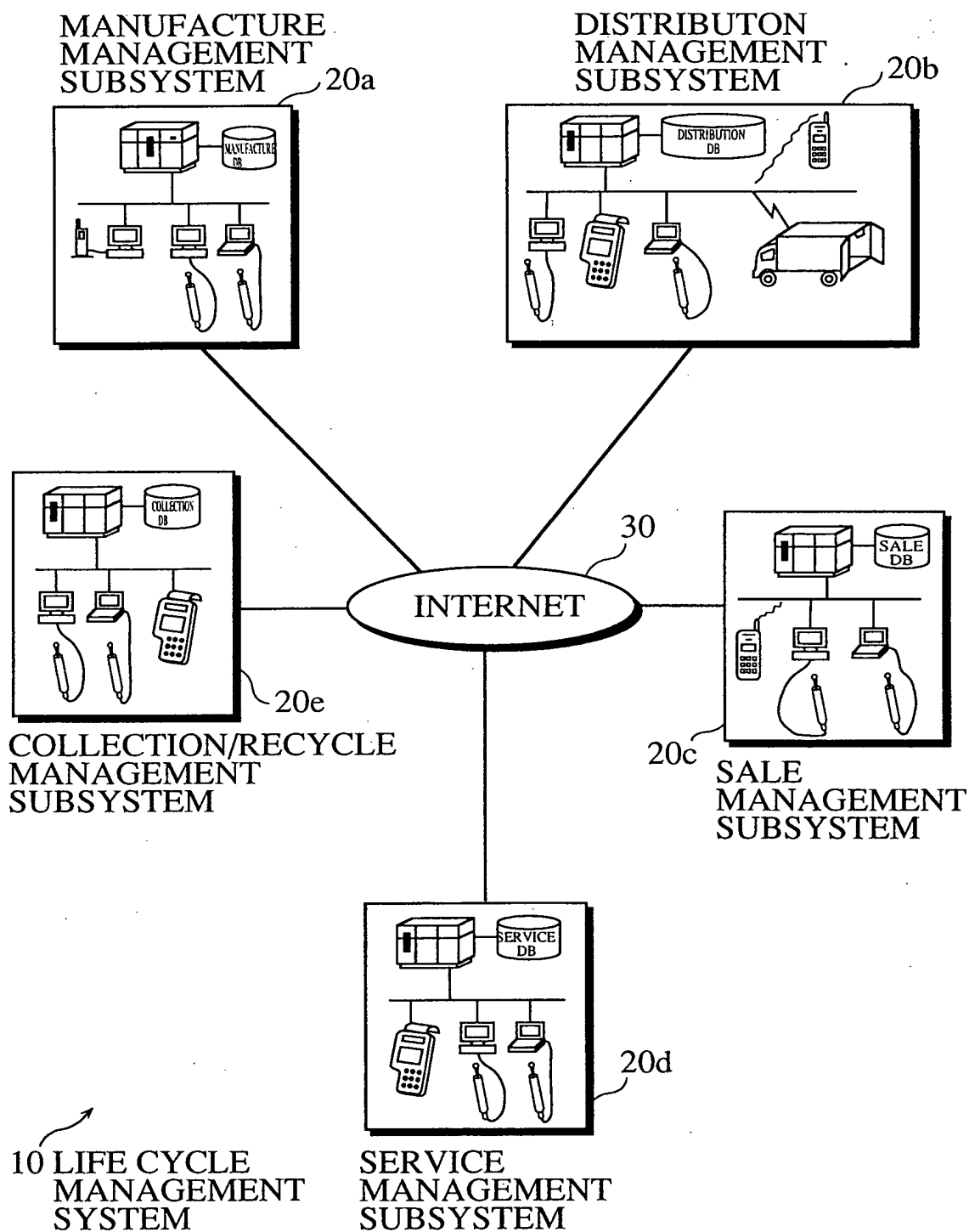
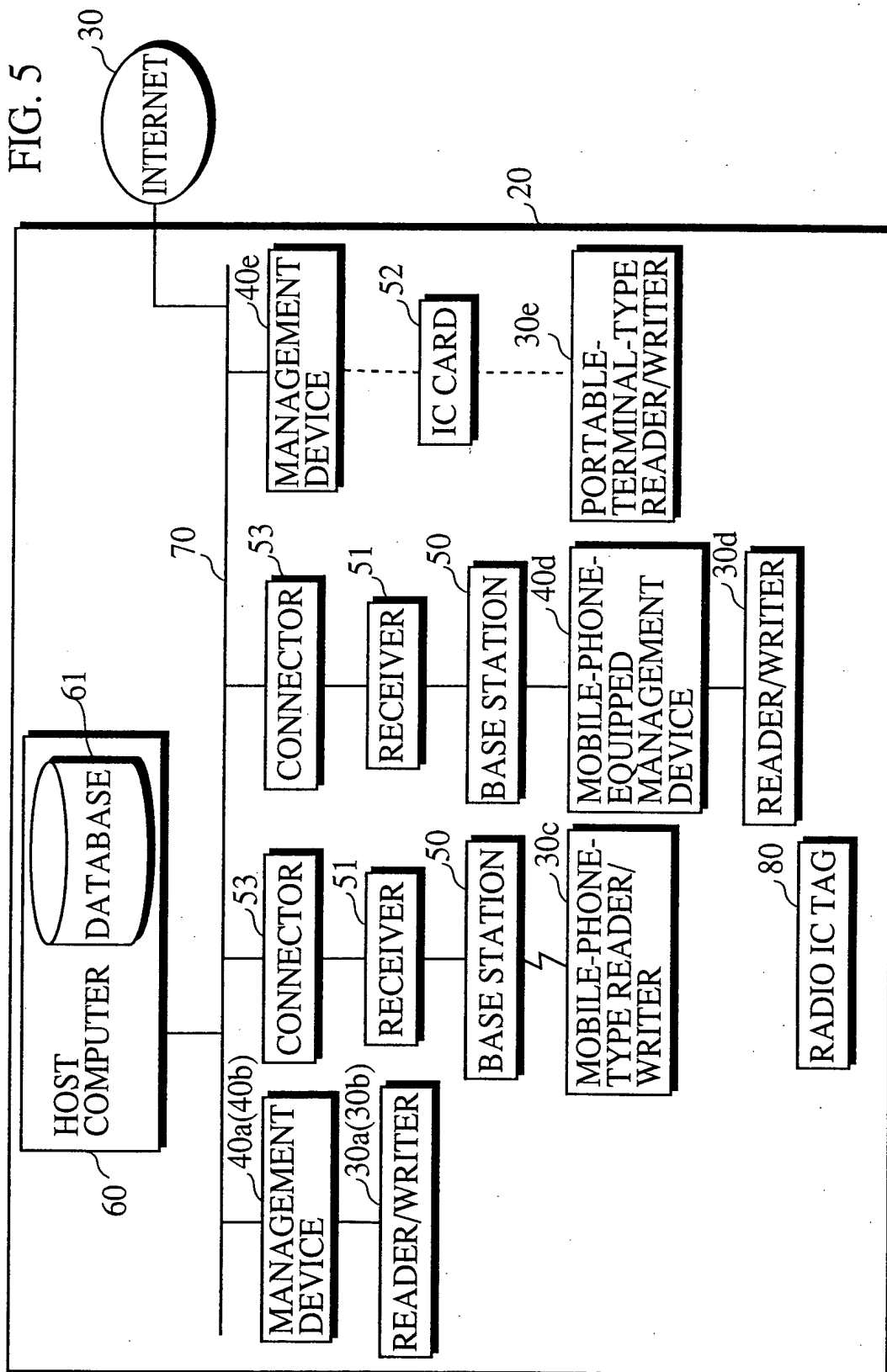
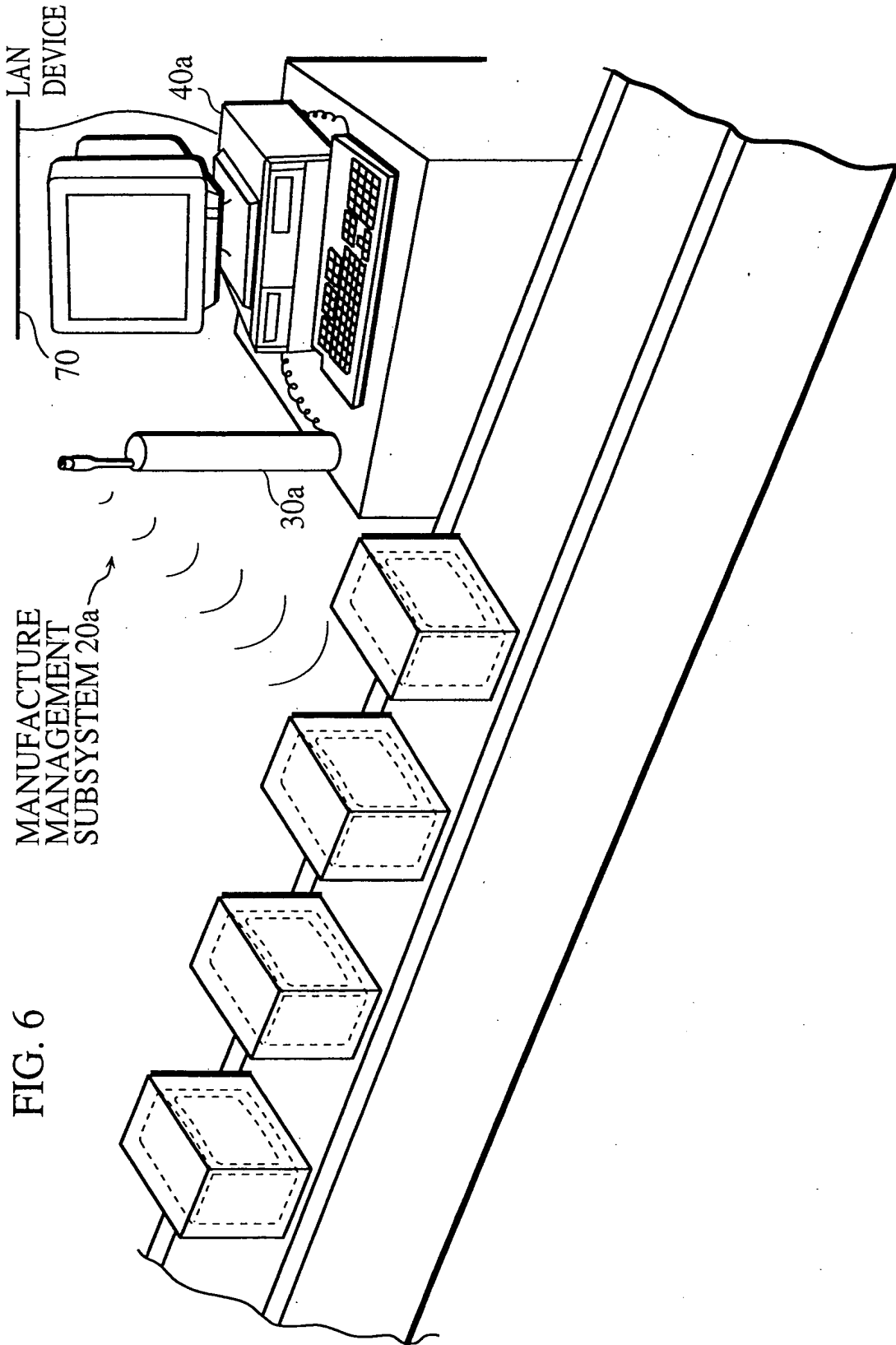
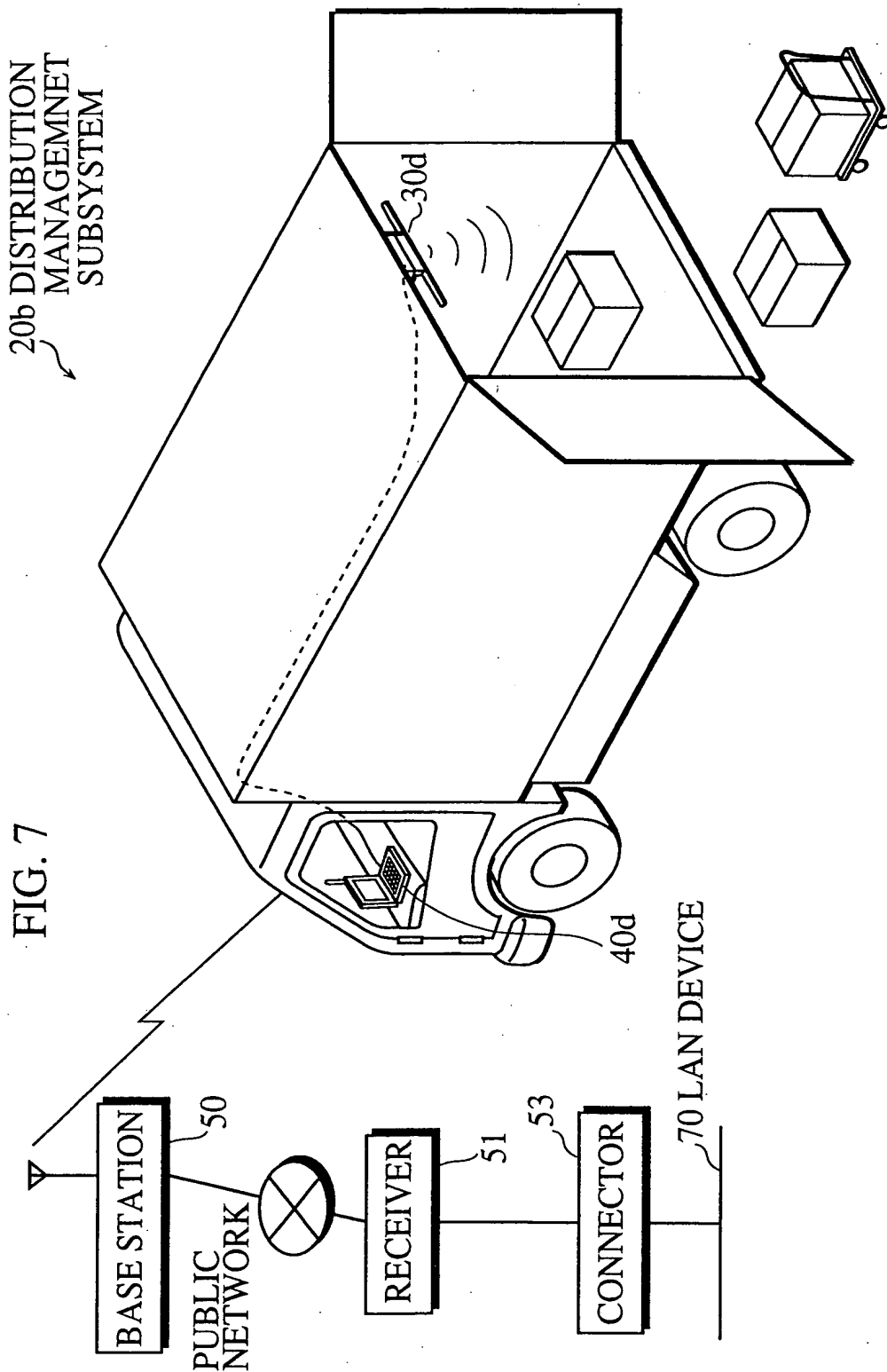


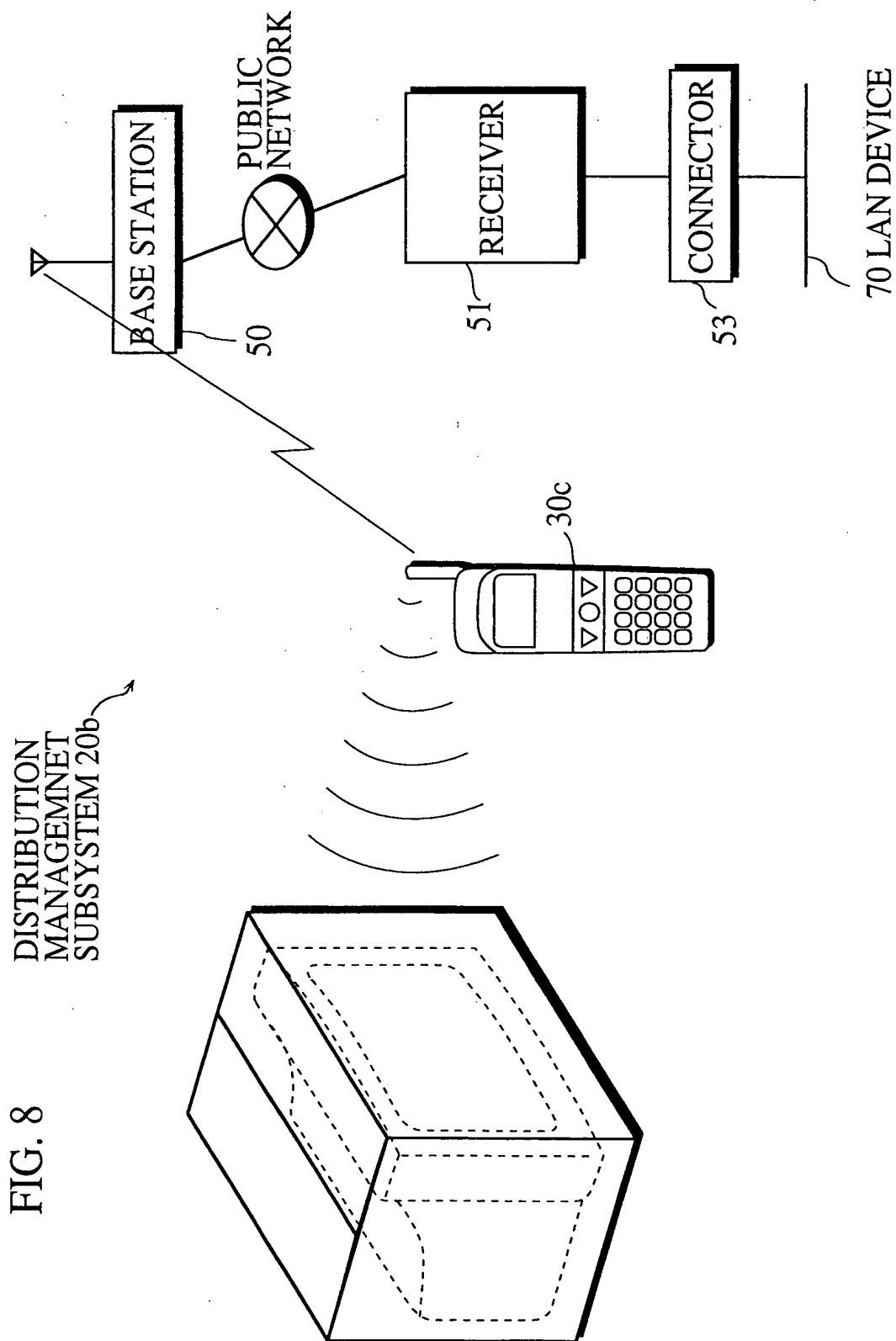
FIG. 4

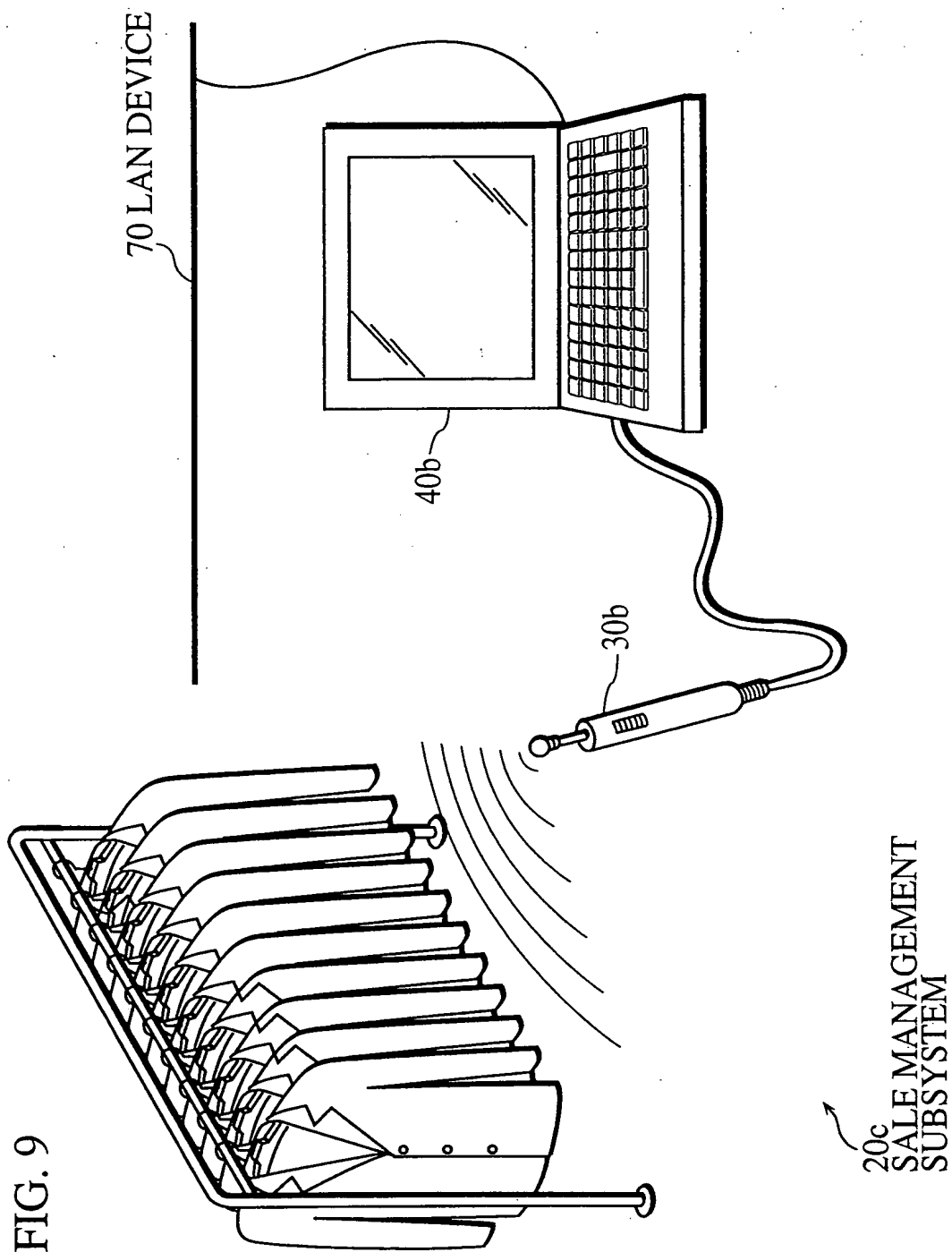


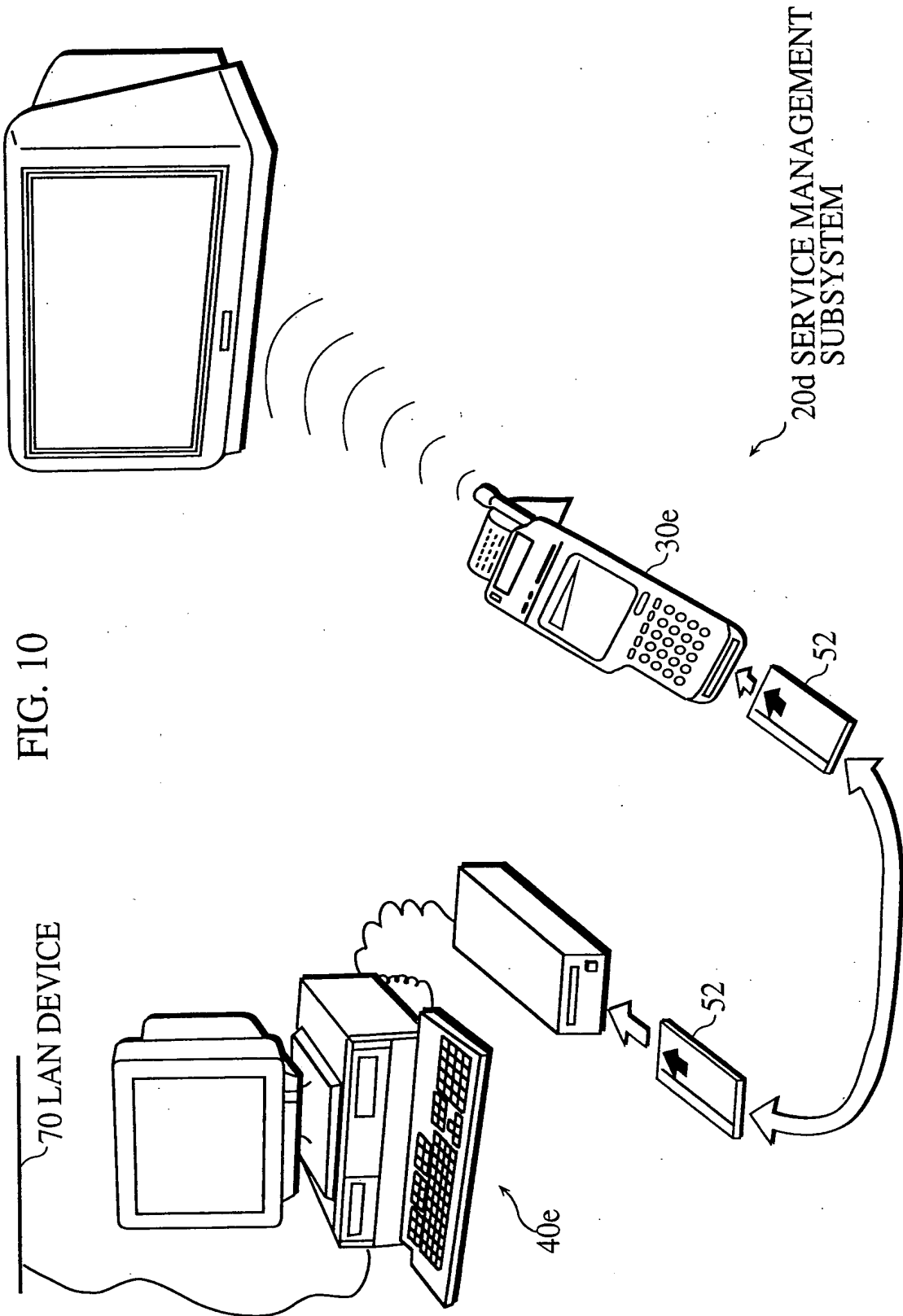












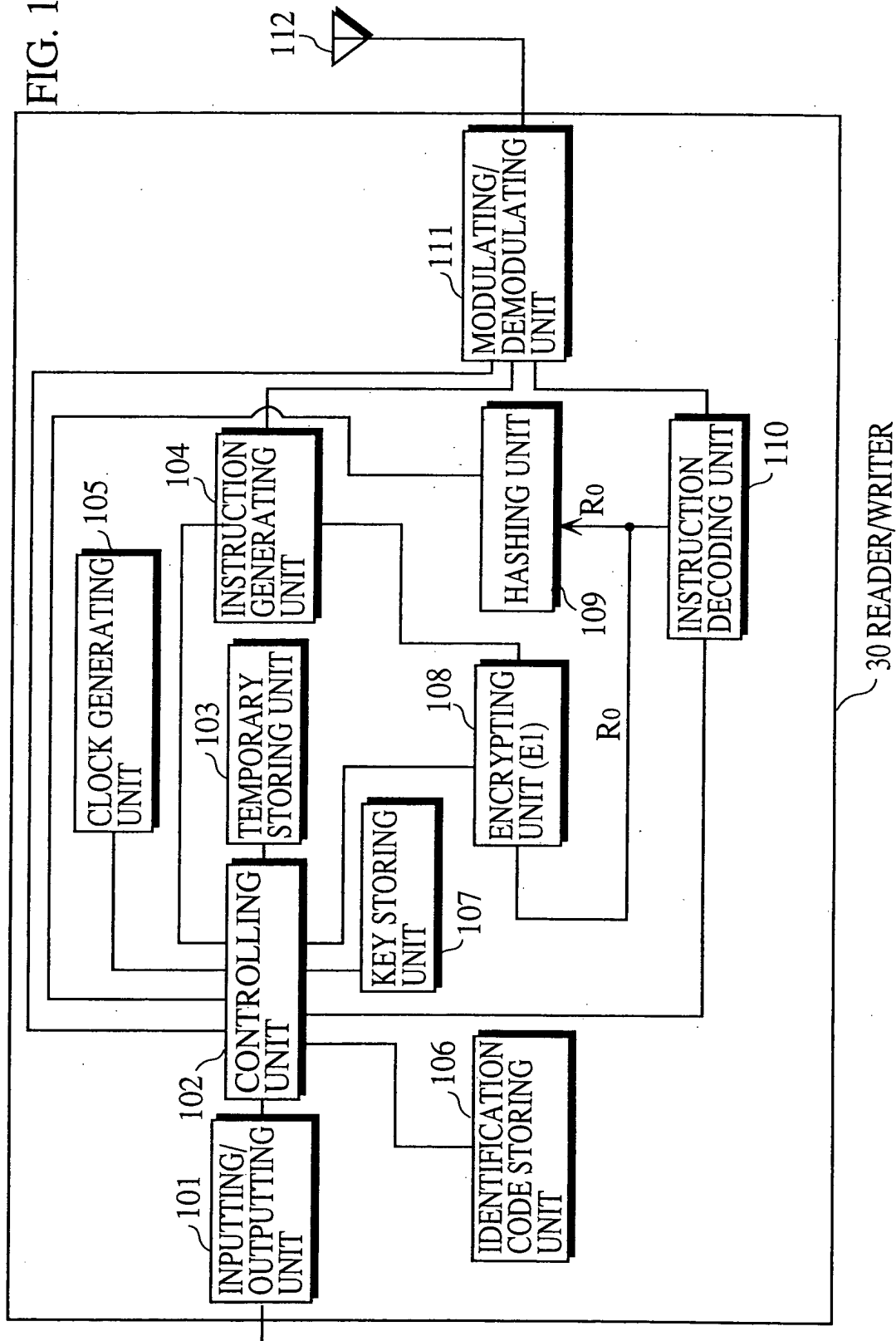


FIG. 12

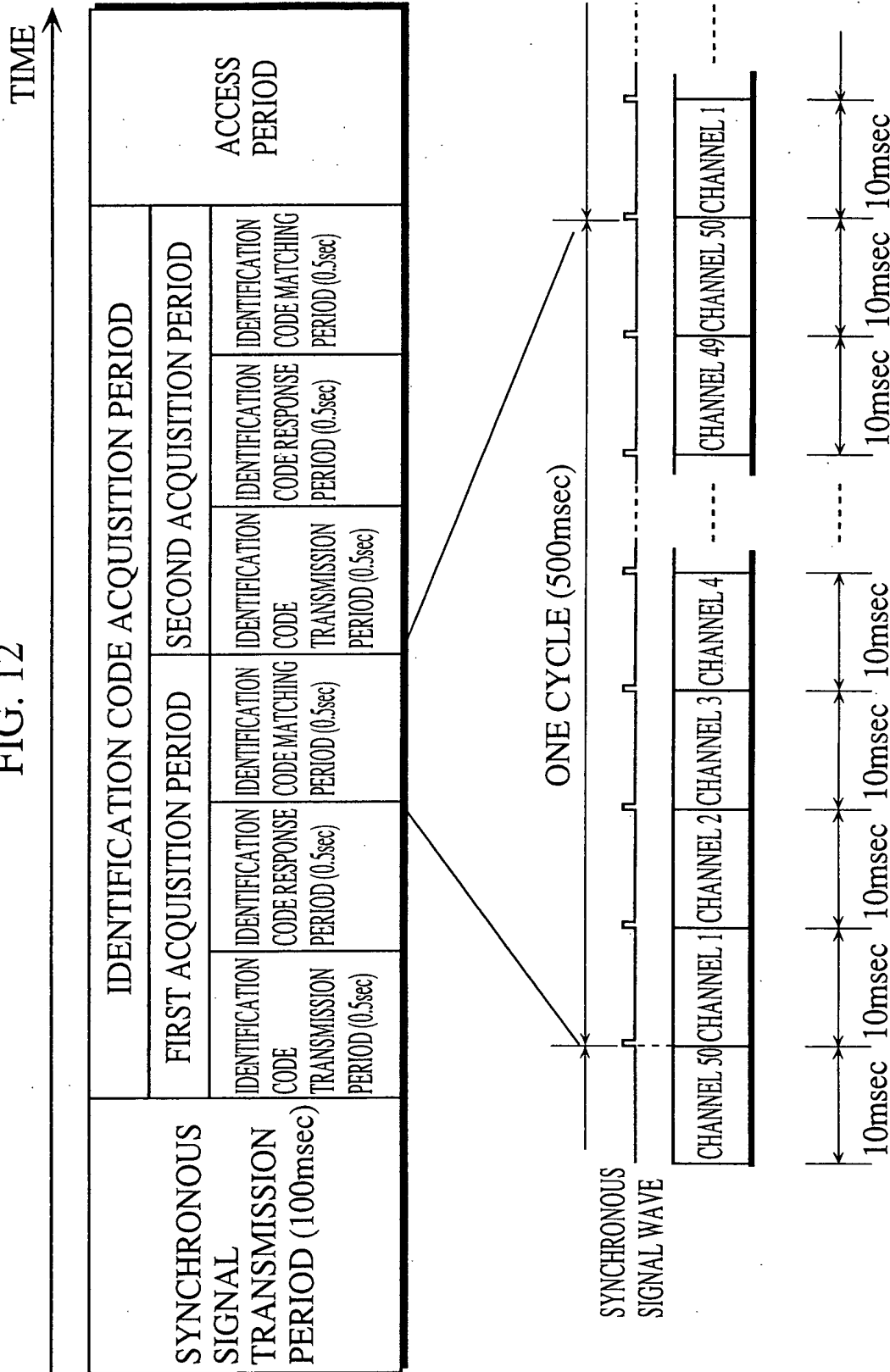


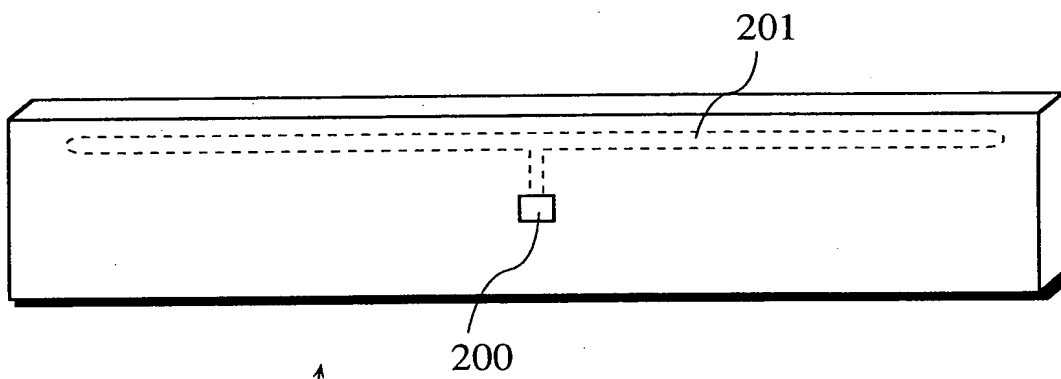
FIG. 13

INSTRUCTION TYPE	OPERANDS
SYNCHRONOUS SIGNAL TRANSMISSION INSTRUCTION	SYNCHRONOUS SIGNAL
IDENTIFICATION CODE ACQUISITION INSTRUCTION	
ACCESS REQUEST INSTRUCTION	IDENTIFICATION CODE
ACCESS INSTRUCTION	
READ INSTRUCTION	IDENTIFICATION CODE, PHYSICAL ADDRESS, NUMBER OF BYTES TO BE READ
WRITE INSTRUCTION	IDENTIFICATION CODE, PHYSICAL ADDRESS, NUMBER OF BYTES TO BE WRITTEN, CONTENTS OF WRITING
IDENTIFICATION CODE RESPONSE INSTRUCTION	IDENTIFICATION CODE
AUTHENTICATOR RESPONSE INSTRUCTION	IDENTIFICATION CODE, AUTHENTICATOR

FIG. 14

INSTRUCTION TYPE	OPERANDS
IDENTIFICATION CODE TRANSMISSION INSTRUCTION	RANDOM NUMBER R0, IDENTIFICATION CODE
AUTHENTICATOR TRANSMISSION INSTRUCTION	IDENTIFICATION CODE, AUTHENTICATOR
IDENTIFICATION CODE MATCHING INSTRUCTION	IDENTIFICATION CODE
ACCESS RESPONSE INSTRUCTION	IDENTIFICATION CODE, ACCESS RESPONSE INFORMATION
ACCESS PROHIBITION INSTRUCTION	IDENTIFICATION CODE, REASON CODE

FIG. 15



80 RADIO IC TAG

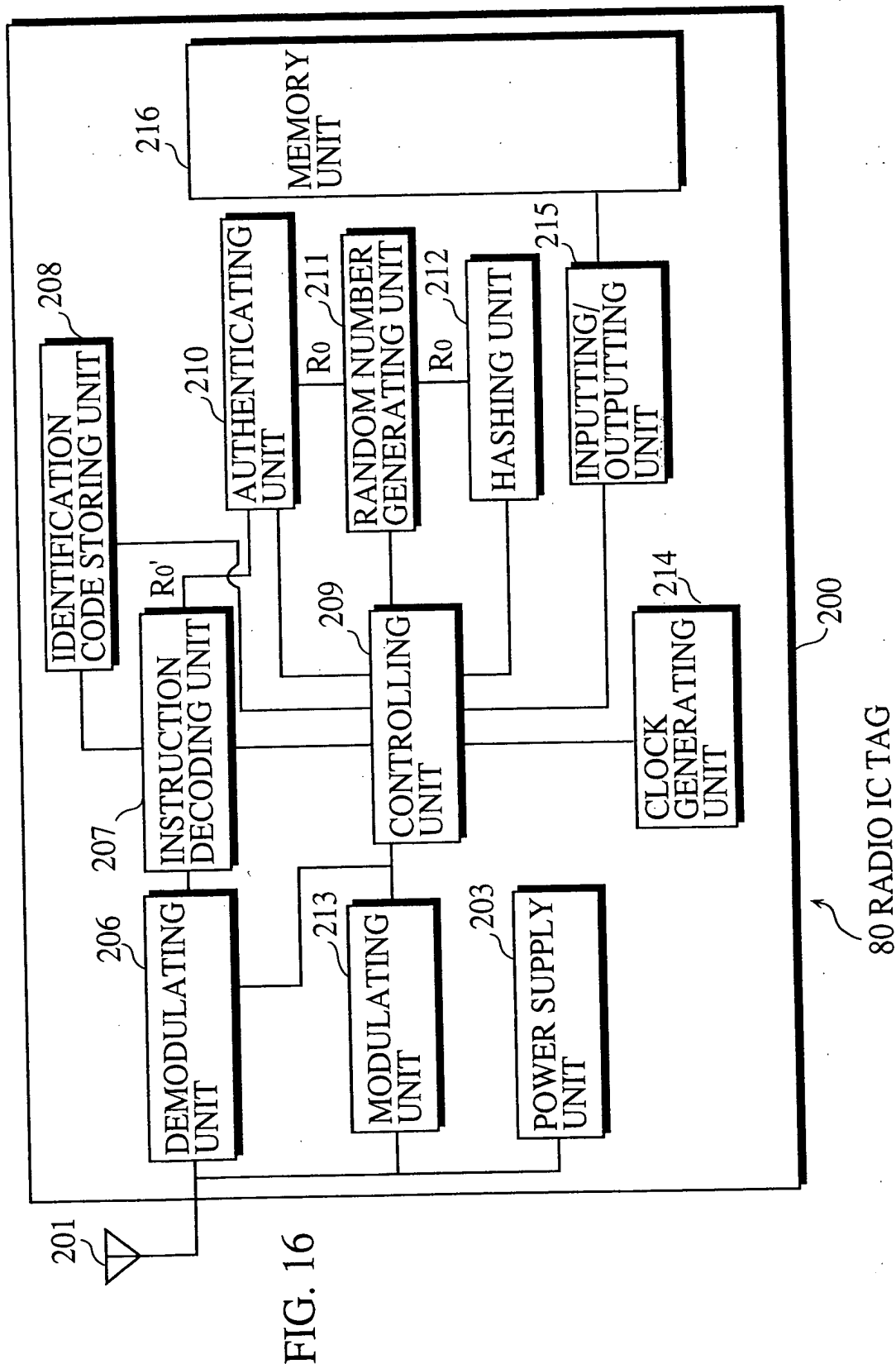


FIG. 17

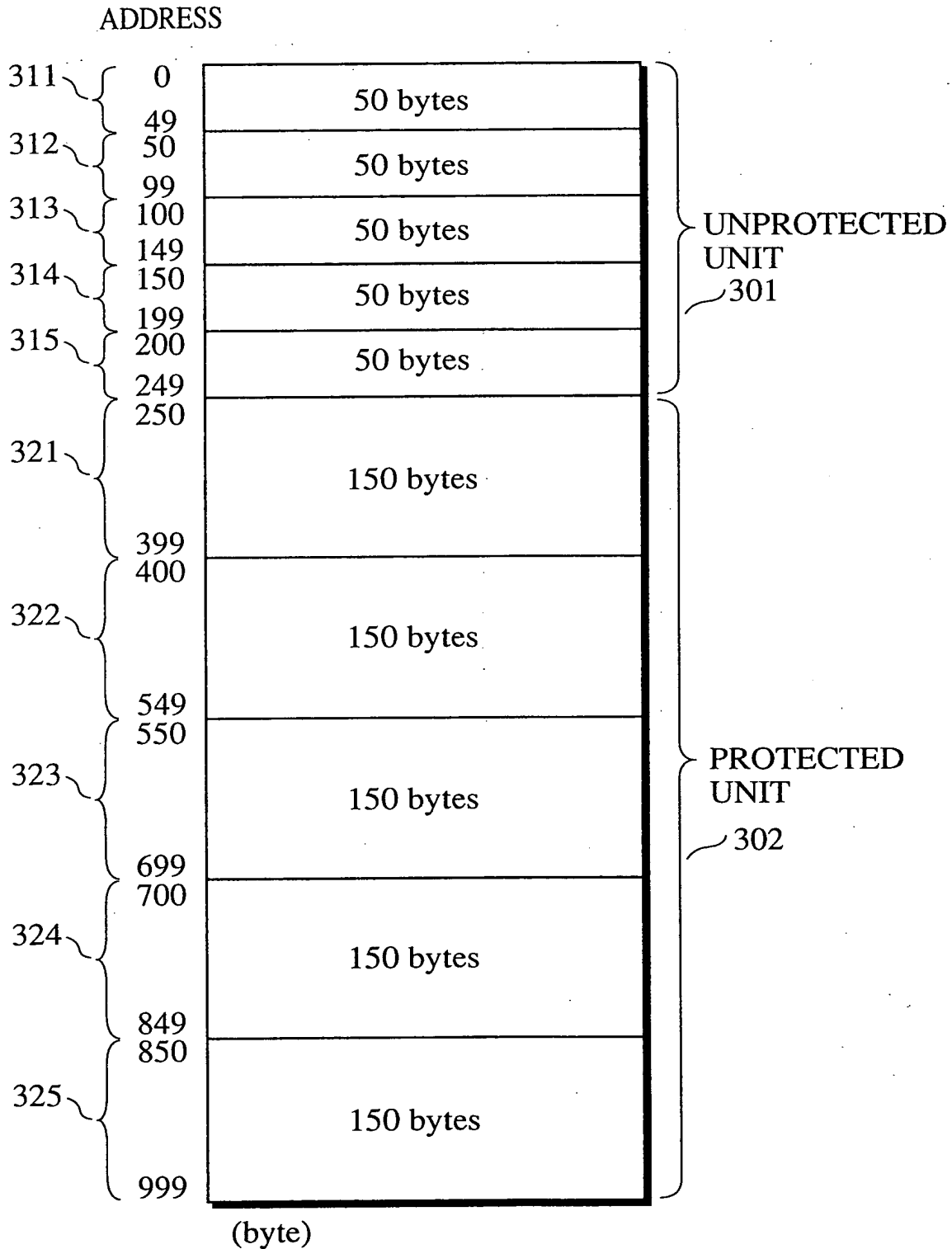


FIG. 18

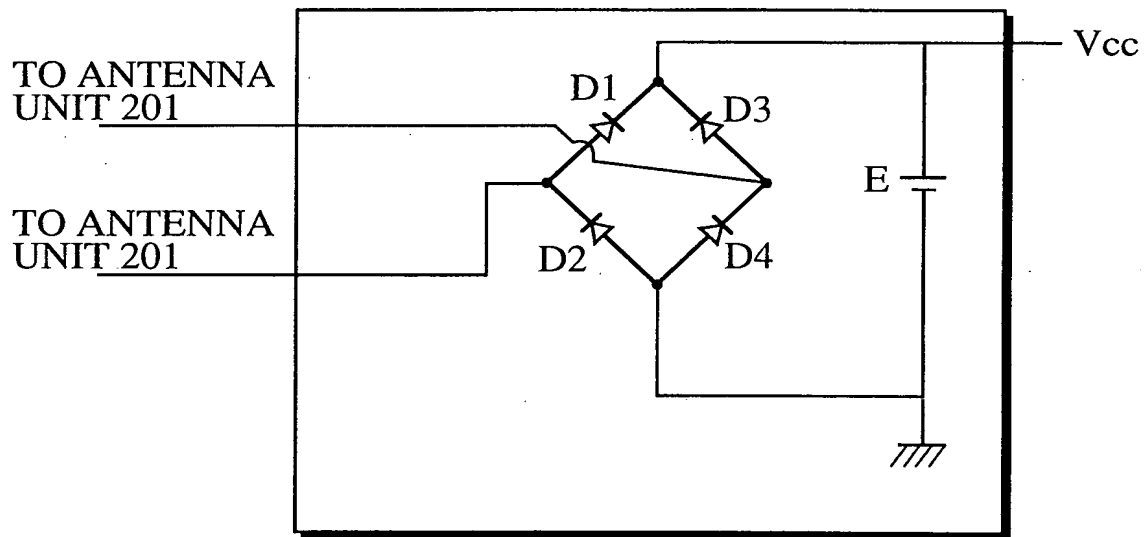
MANUFACTURE STAGE AREA			DISTRIBUTION STAGE AREA		SALE STAGE AREA		SERVICE STAGE AREA		COLLECTION/RECYCLE STAGE AREA	
MANUFACTURER NAME	TRANSPORTATION COMPANY NAME	GUARANTEE PERIOD	WASHING METHOD							
PRODUCT NAME		GUARANTEE NUMBER								
PRODUCT NUMBER										
PRODUCTION NUMBER	STORAGE /RETRIEVAL DATE	WHOLESALE NAME	GLN		COLLECTOR NAME		WRITE-ONCE UNIT			
MANUFACTURE DATE		STORE NAME			COLLECTION DATE		DISPOSER NAME			
FACTORY NAME		SELLING DATE			DISPOSAL DATE					
					REPAIRPERSON NAME		REUSE RECORD			
					REPAIR DATE					
					REPAIRED COMPONENT					

UNPROTECTED UNIT 301

PROTECTED UNIT 302

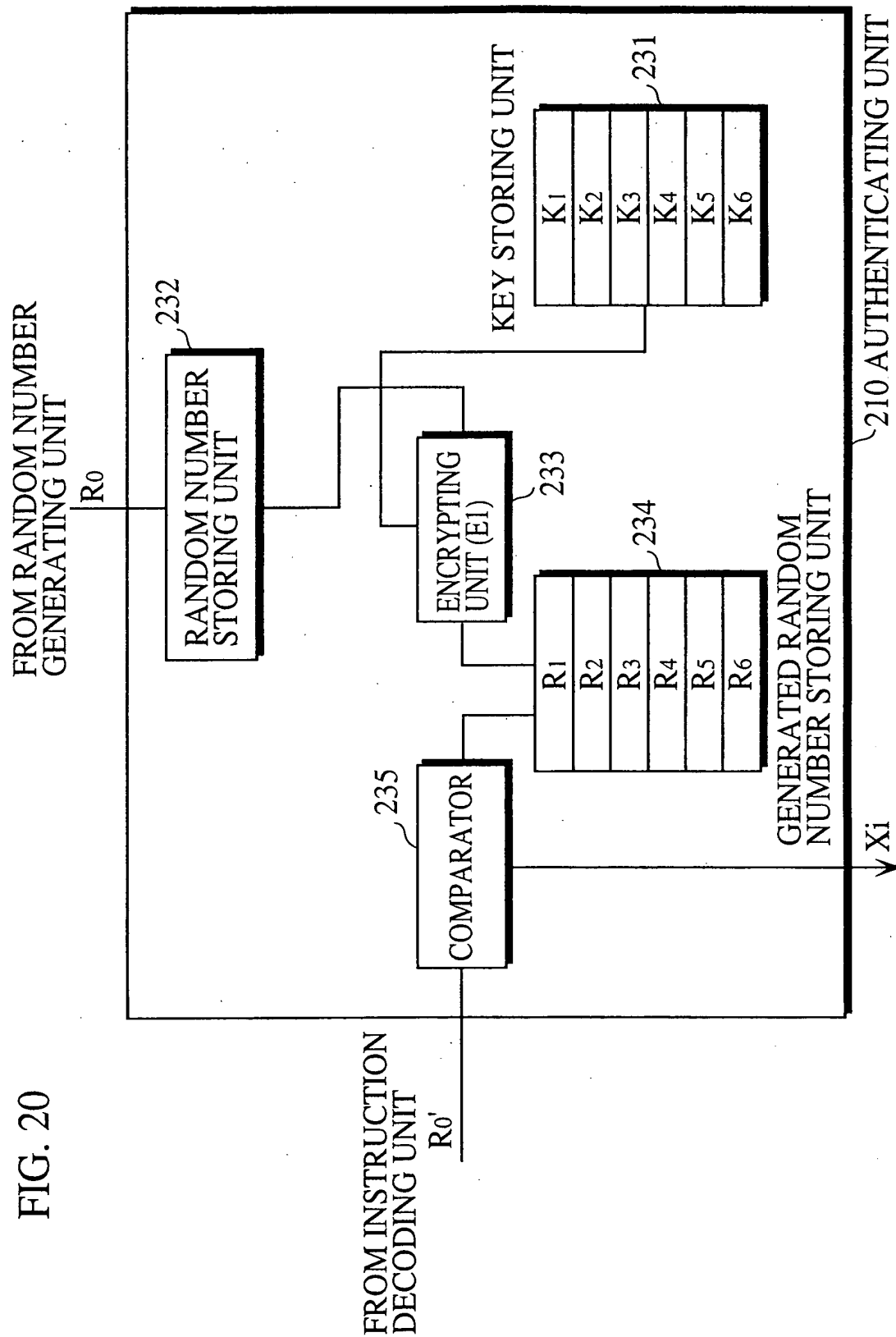
REWRITABLE UNIT

FIG. 19



POWER SUPPLY CIRCUIT

FIG. 20



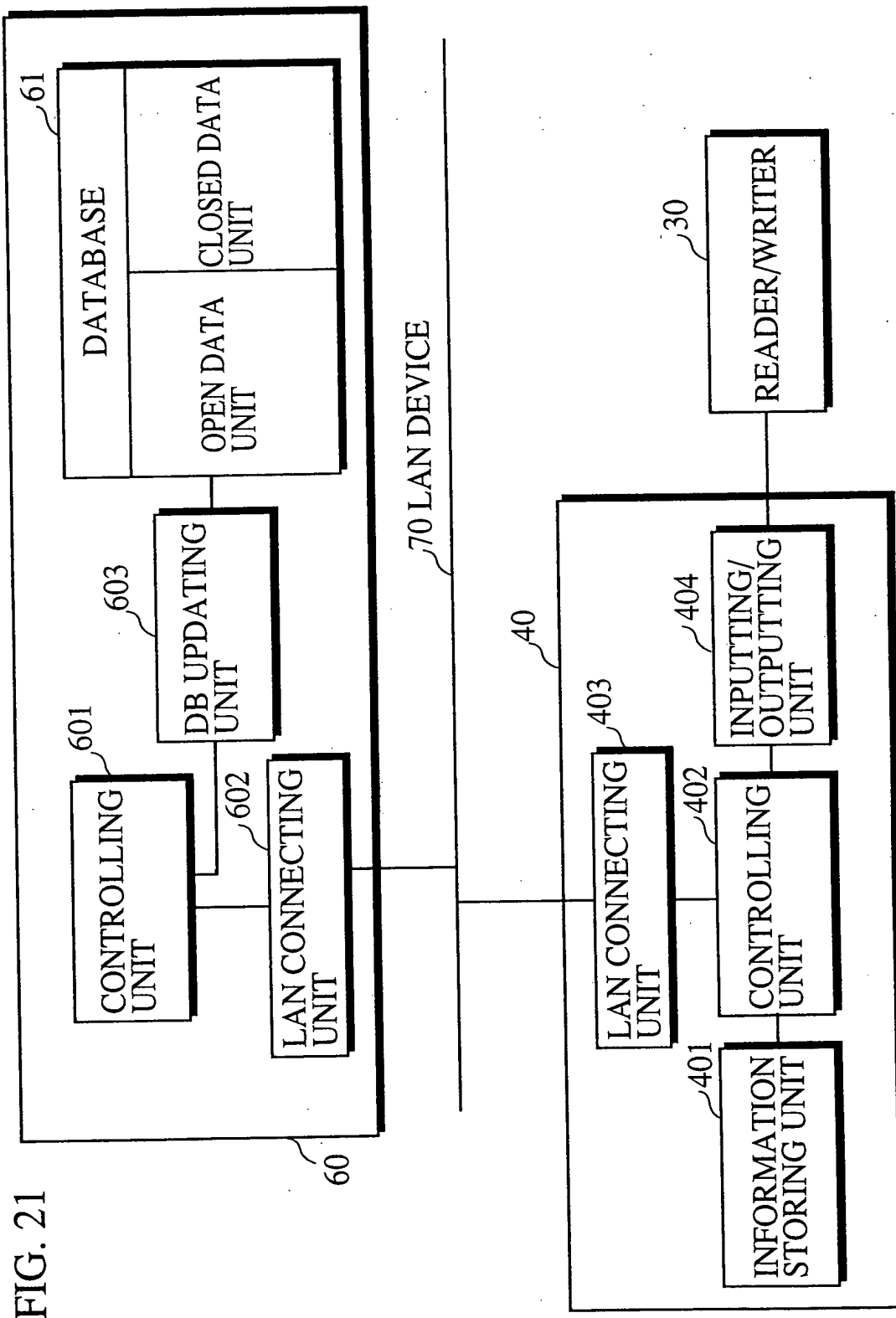


FIG. 22

MANUFACTURE DATA UNIT	DISTRIBUTION DATA UNIT	SALE DATA UNIT	SERVICE DATA UNIT	COLLECTION/ RECYCLE DATA UNIT
--------------------------	---------------------------	-------------------	----------------------	-------------------------------------

DISASSEMBLE METHOD				RECYCLE INFORMATION
COMPONENT DATA				
TOXIC INFORMATION				

OPEN DATA UNIT

INSPECTION INFORMATION	TRACKING RECORD	POS INFORMATION	QUALITY INFORMATION	MANIFEST INFORMATION
		BUYER INFORMATION		

CLOSED DATA UNIT

FIG. 23

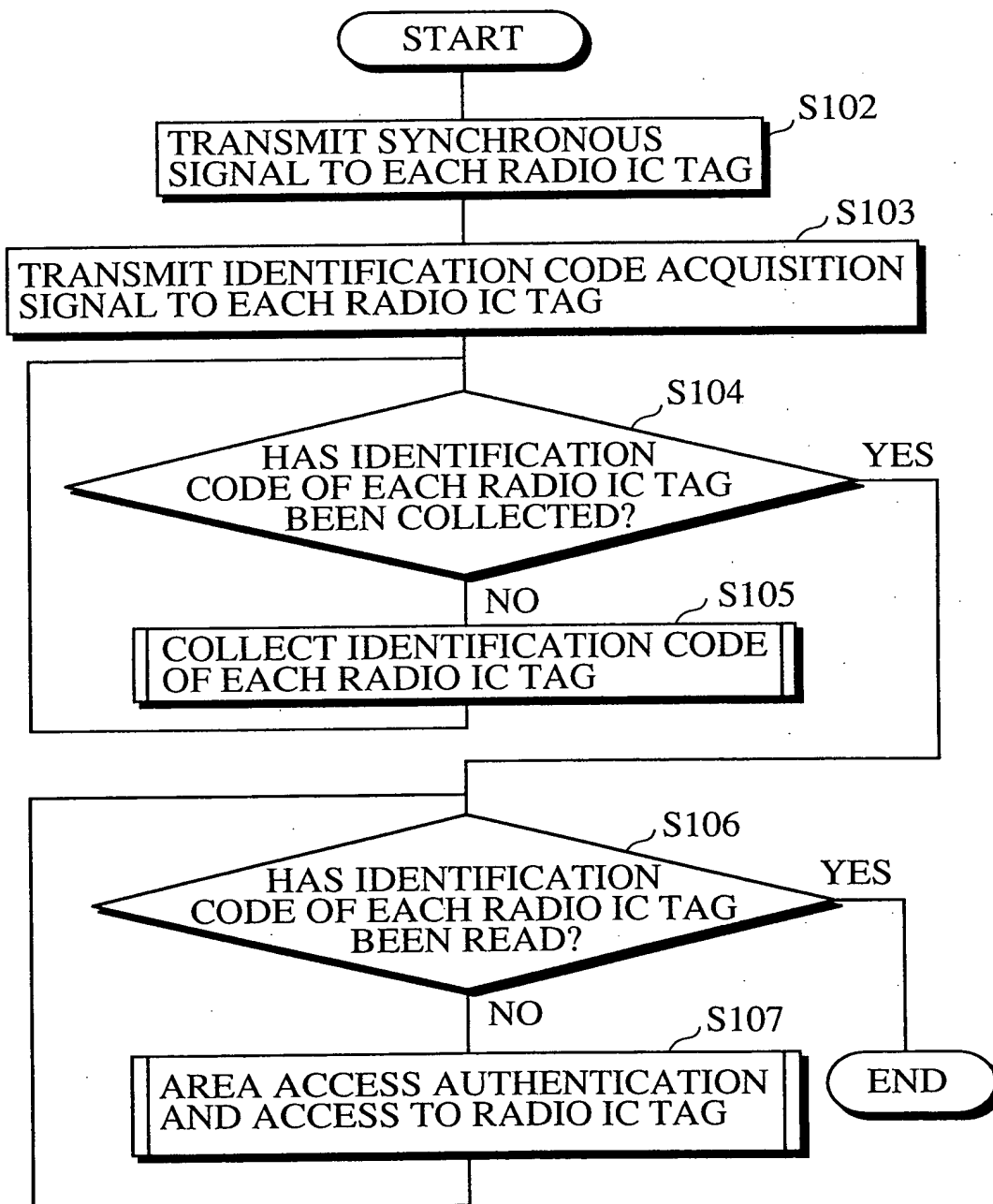


FIG. 24

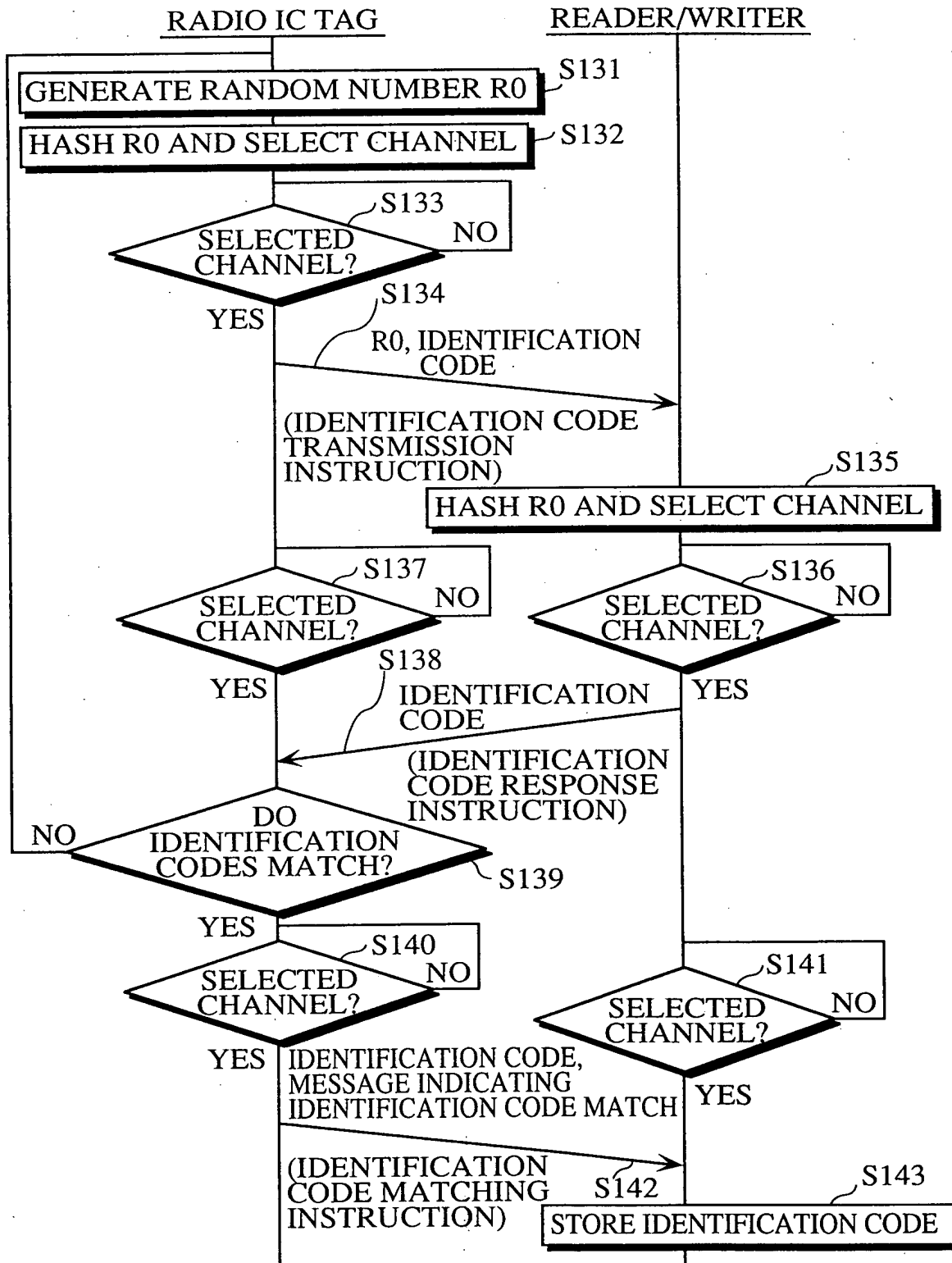
ACQUISITION OF IDENTIFICATION
CODE OF RADIO IC TAG

FIG. 25 AREA ACCESS AUTHENTICATION AND ACCESS TO RADIO IC TAG

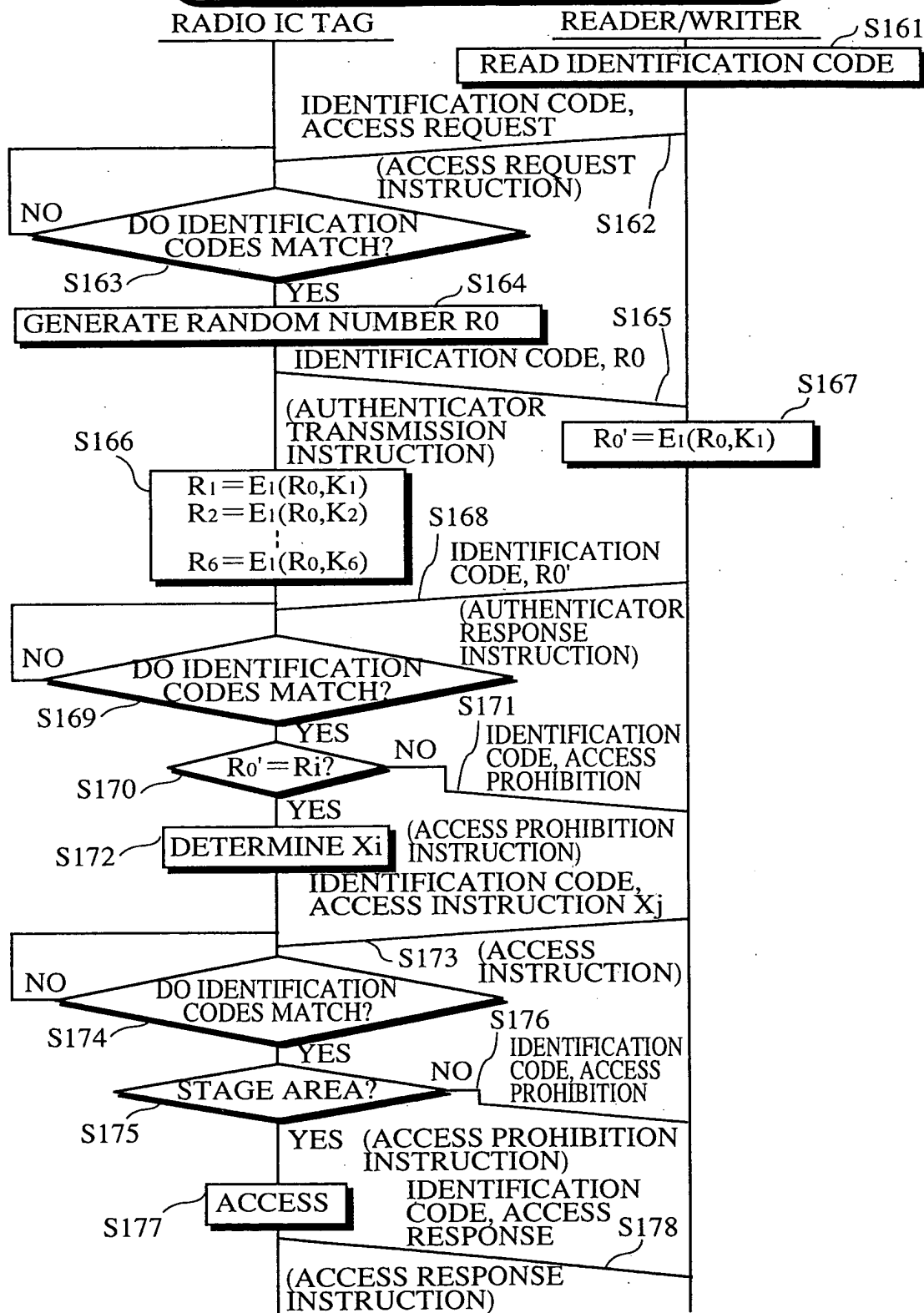


FIG. 26

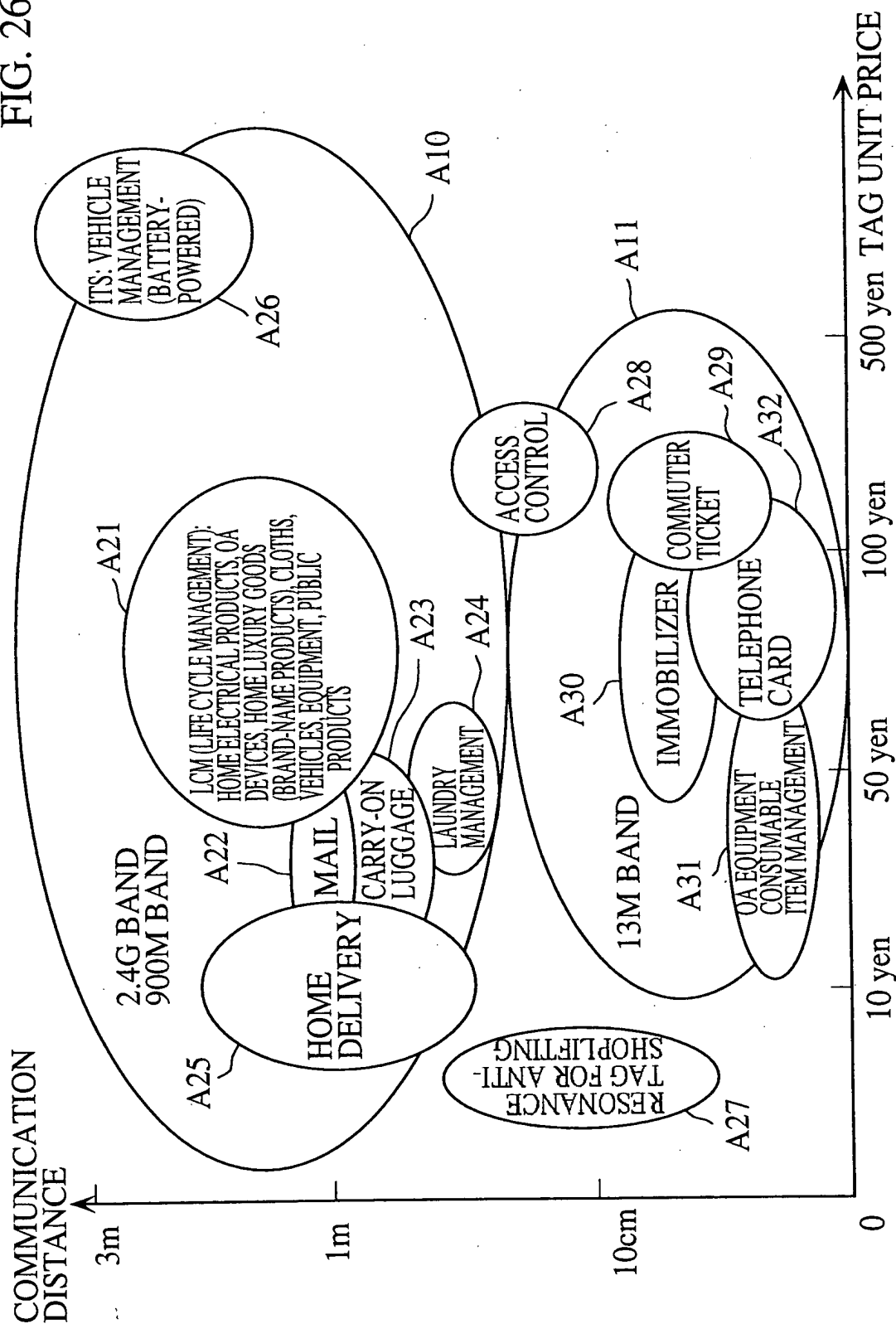


FIG. 27

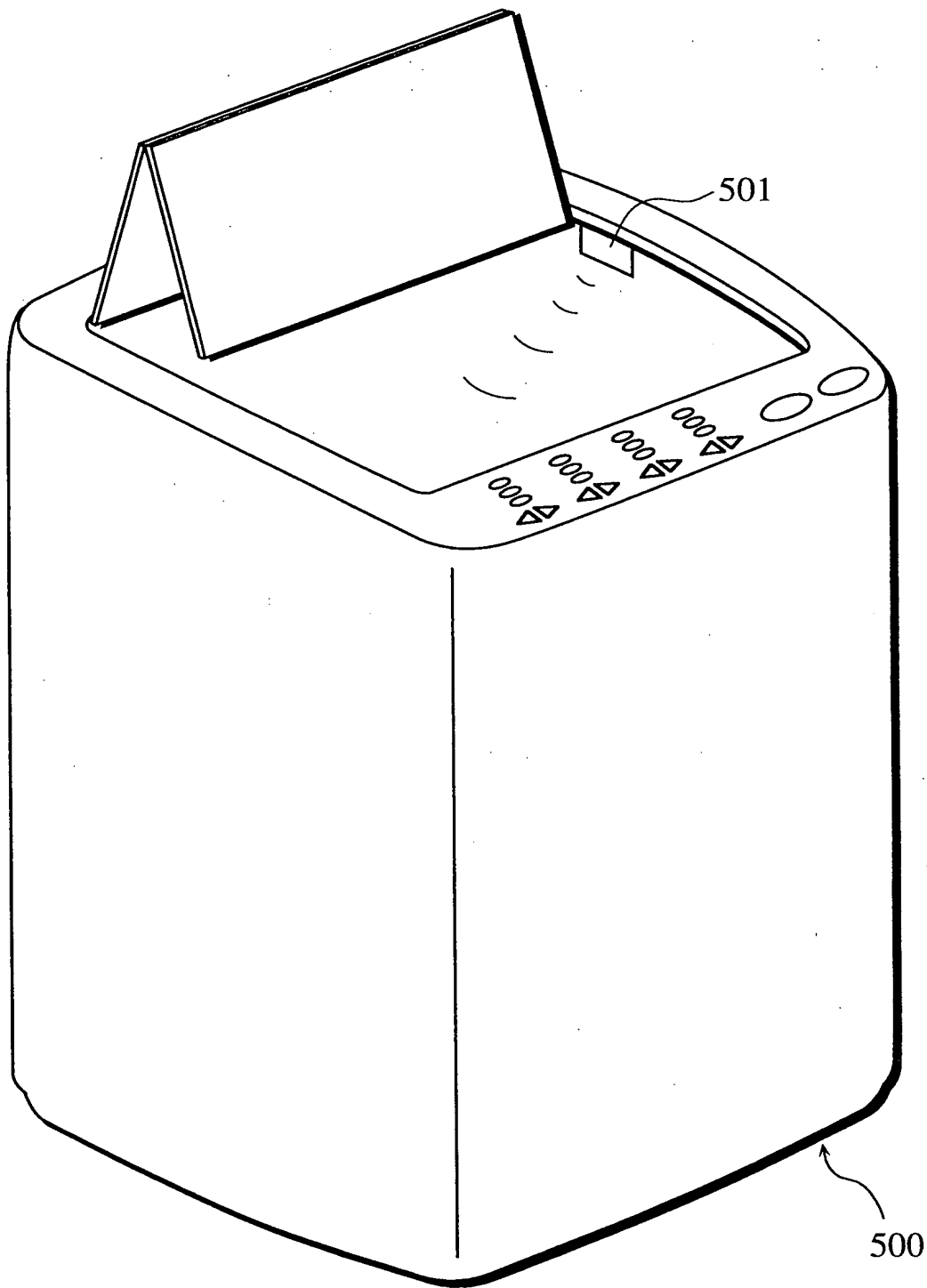
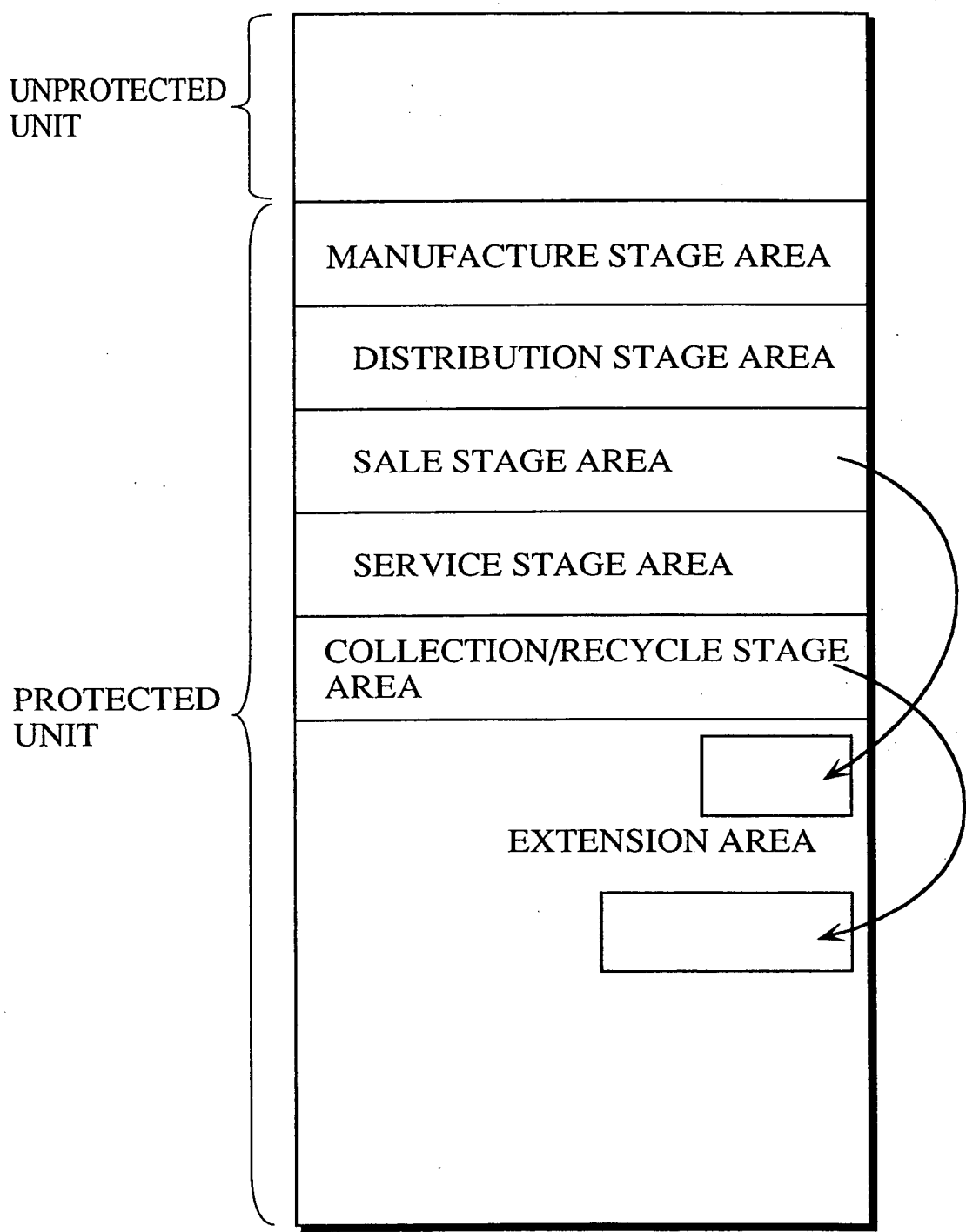
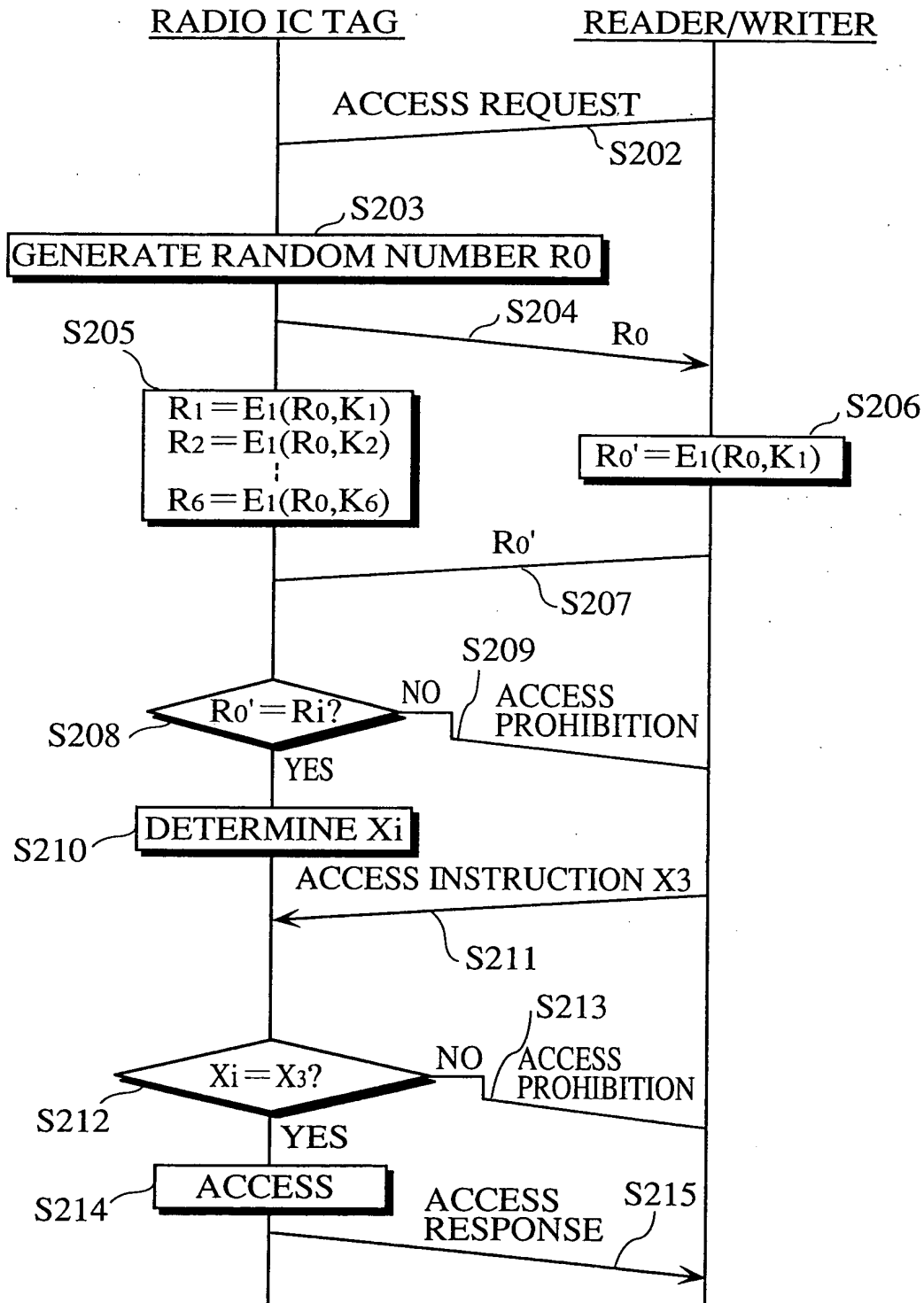


FIG. 28



09/914336 082401

FIG. 29



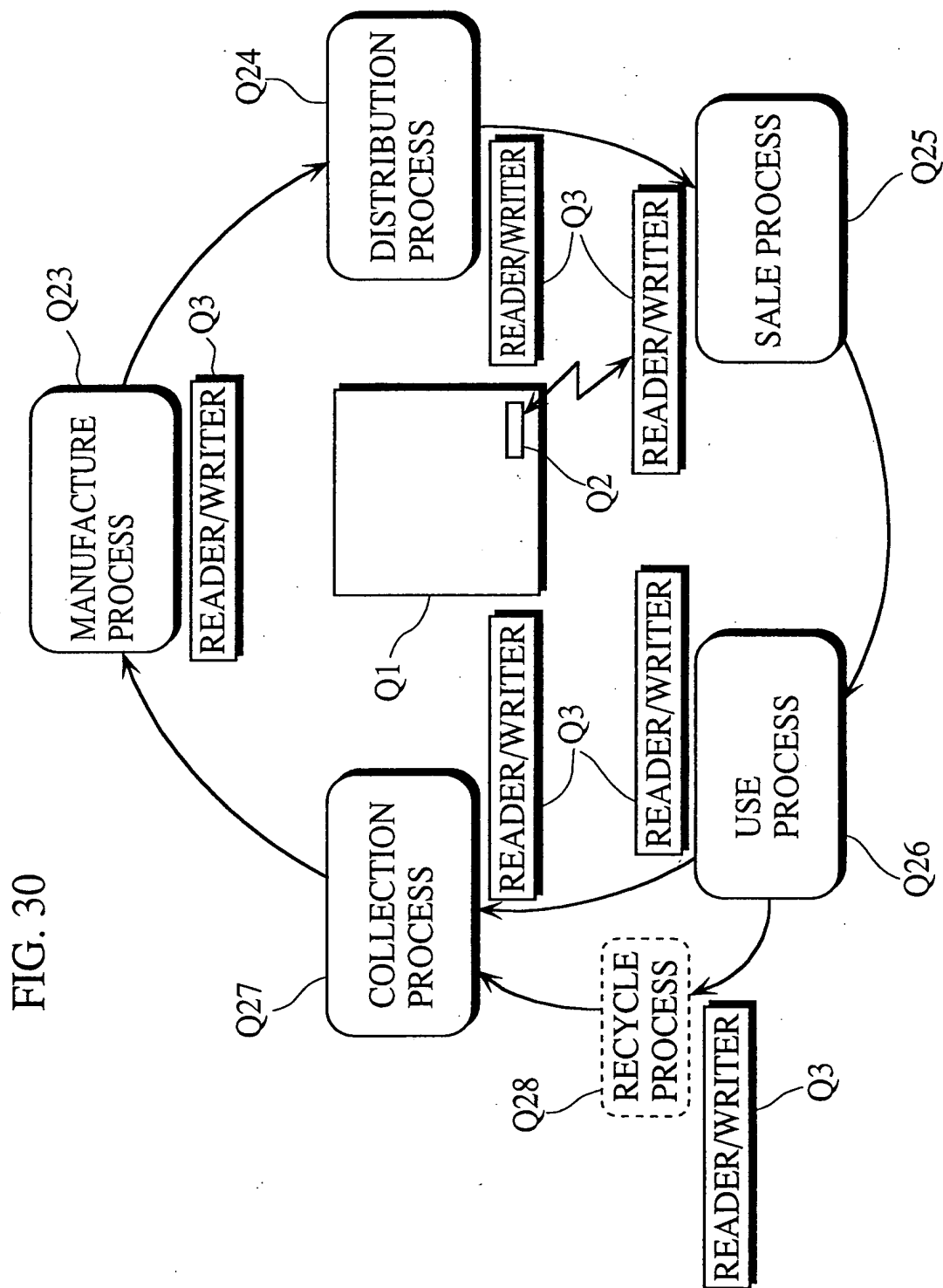


FIG. 31

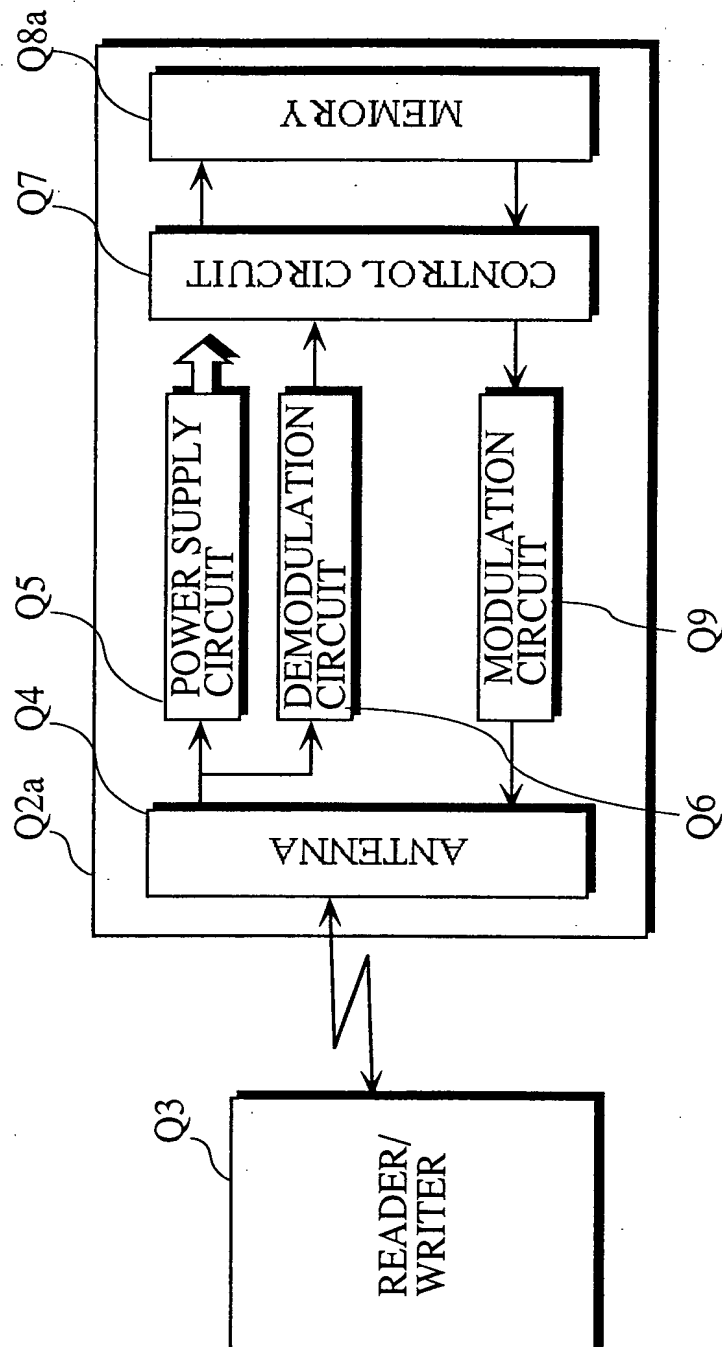


FIG. 32

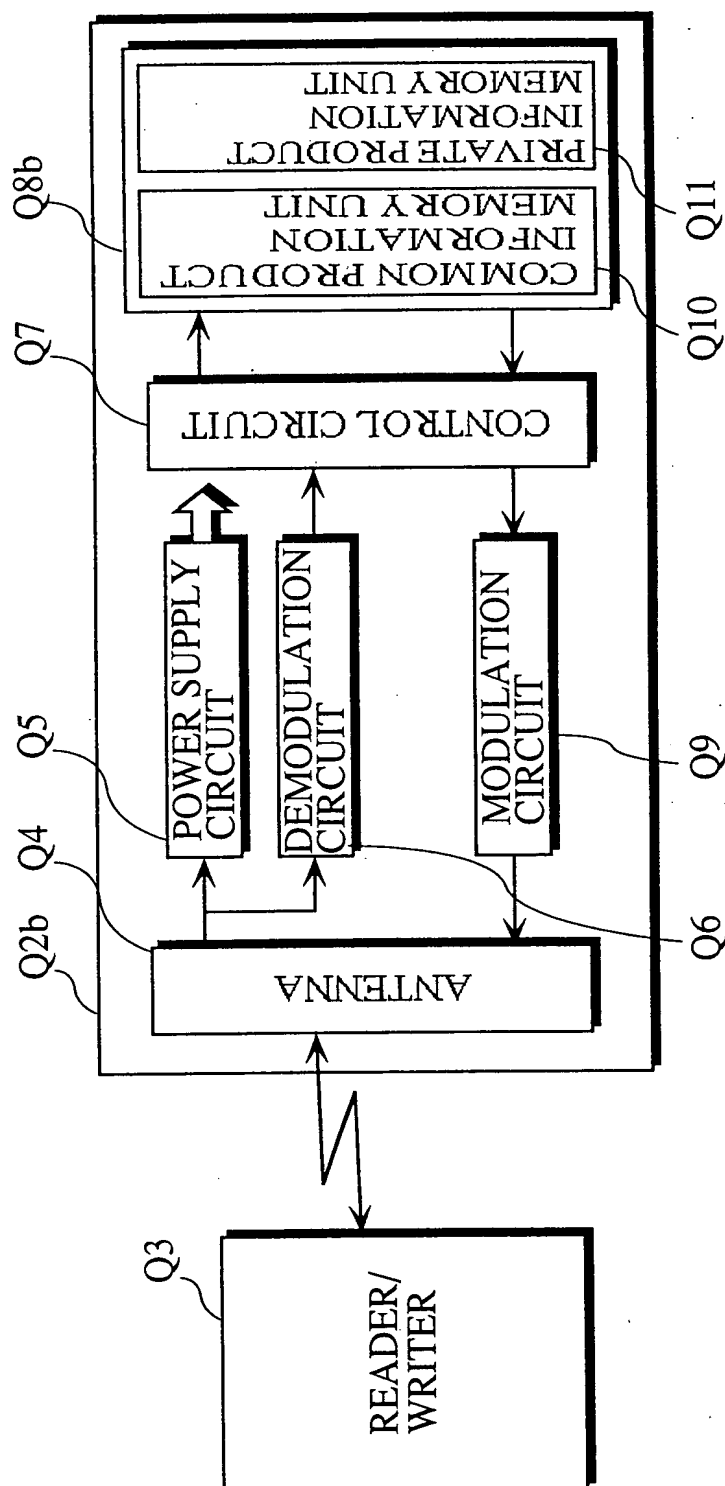


FIG. 33

